

In the Specification:

Please replace the paragraph beginning at page 5, line 28, with the following:

1A1 --The term "insect cell membrane transporter" also refers to polymorphic variants, alleles, interspecies homologs, and mutants that: (1) have about 70% amino acid sequence identity, preferably about 80-90% amino acid sequence identity to SEQ ID NOS: 2, 4, 6, 8, 10, 12, 14, or 16 over a window of about at least 50-100 amino acids; (2) binds to polyclonal antibodies raised against an immunogen comprising an amino acid sequence selected from the group consisting of SEQ ID NOS: 2, 4, 6, 8, 10, 12, 14, and 16 and conservatively modified variants thereof; (3) specifically hybridize (with a size of at least about 500, preferably at least about 900 nucleotides) under stringent hybridization conditions to a sequence selected from the group consisting of SEQ ID NOS: 1, 3, 5, 7, 9, 11, 13, and 15 and conservatively modified variants thereof; or (4) are amplified by primers that specifically hybridize under stringent conditions to the same sequence as degenerate primers, including, but not limited to, the following:

1S forward primer for NTTs: (A69) (SEQ ID NO:17)

5'-CGGAATTCTGG(G/C)CAA(T/C)(G/A)TITGG(A/C)GITT(C/T)CCNTA-3'

4A reverse primer for NTTs: (A67) (SEQ ID NO:18)

5'-GCCAAGCTTGAAGAAGAT(C/T)TG(G/A)GIIGCIGC(G/A)TCNA(C/T/G)CCA-3'

2S reverse primer for NTTs: (A70) (SEQ ID NO:19)

C-TCC-ATG-GA(AG)-AA(TC)-GGI-GGI-GGI-GCN-TT

3A reverse primer for NTTs: (A68) (SEQ ID NO:20)

GGC-GAG-CTC-GGC-ICC-IGG-IAG-IGT-N(AG)C-NCC--